

PROJECT BACKGROUND

- Developmental Math OER project
- High cost of the textbook and supplements
- Frequent change of editions

IMPACT

- About 400 students
- Estimated cost saving **per student** \$150
- Higher student satisfaction, student engagement, student retention, and student learning

RESOURCES

- Prealgebra Textbook, College of the Redwoods, Department of Mathematics
- Beginning and Intermediate Algebra Textbook, Tyler Wallace
- MyOpenMath
- Support from other math instructors

IMPLEMENTATION

- Began with Pre-algebra MAT 023 in the 2015 – 16 academic year
- Expanded to Elementary and Intermediate Algebra MAT 031, and MAT 032 respectively in 2016 – 17
- We switched back from emporium format to traditional classroom format with OER

LESSONS LEARNED AND FUTURE PLANS

- Start with course goals
- Create assessments (final exam, module tests, homework, class activities) in advance to align them to the student learning outcomes
- Focus class activities on those areas that students find most challenging
- Refine the class notes and assignments to better suit the needs of the students
- Plan enough time to organize the course goals, develop assessments, incorporate OER and class notes and activities
- Make sure MyOpenMath assignments are aligned to the course goals

FOR SCALING/SUPPORTING PROJECTS ONLY

- All developmental math classes use OER
- All faculty teaching developmental math classes were impacted
- All the other math course use OER except for statistics
- All full time and adjunct faculty use OER in classes